

MATERIAL SAFETY DATA SHEET

• Section 1 – PRODUCT IDENTIFICATION

MANUFACTURER'S NAME DEARBORN CHEMICAL CO., Subsidiary, W. R. Grace & Co.	EMERGENCY PHONE NO. 312/438-8241
ADDRESS 300 Genesee St., Lake Zurich, IL 60047	

CHEMICAL NAME AND SYNONYMS Boiler Water Treatment	TRADE NAME OR CODE IDENT. DEARBORN® 17
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• Section 2 – INGREDIENTS	CAS No.	%	EXPOSURE CRITERIA
Sodium Hydroxide	1310-73-2	100	TLV: 2 mg/m ³ (ceiling)

NFPA 3-0-1

• Section 3 – PHYSICAL DATA

BOILING POINT, 760mm Hg	N/A	MELTING POINT	N/K
SPECIFIC GRAVITY (H ₂ O = 1)	8-9 lbs/gal.	VAPOR PRESSURE	N/A
VAPOR DENSITY (AIR = 1)	N/A	SOLUBILITY IN H ₂ O, % BY WT.	Appreciable
% VOLATILES BY VOLUME	N/A	EVAPORATION RATE, _____ = 1	N/A
APPEARANCE AND ODOR	White crystals with no odor	pH of a 5% solution	approx. 14.0

• Section 4 – FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (and Method Used) None	FLAMMABLE LIMITS in AIR, % by VOLUME LOWER N/A UPPER N/A	AUTO IGNITION TEMPERATURE N/A
EXTINGUISHING MEDIA <input type="checkbox"/> Water Fog <input type="checkbox"/> Foam <input type="checkbox"/> CO ₂ <input type="checkbox"/> Dry Chemical <input type="checkbox"/> Other		
SPECIAL FIRE FIGHTING PROCEDURES None		

UNUSUAL FIRE AND EXPLOSION HAZARD

None

• Section 5 – REACTIVITY DATA

STABILITY (Normal Conditions) <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable	CONDITIONS TO AVOID Avoid leaving open containers. Product will absorb moisture.
INCOMPATIBILITY (Materials to Avoid) Acids or acidic solutions	

HAZARDOUS DECOMPOSITION PRODUCTS

None

HAZARDOUS POLYMERIZATION <input type="checkbox"/> May Occur <input checked="" type="checkbox"/> Will Not Occur	CONDITIONS TO AVOID None
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MATERIAL SAFETY DATA SHEET (Continued)

• Section 6 -- HEALTH HAZARD INFORMATION

EXPOSURE LIMIT

Not established

EFFECTS OF OVEREXPOSURE

INHALATION

Avoid breathing dusts which will cause irritation of nasal passages and lungs.

INGESTION

If ingested, neutralize by giving diluted vinegar, or juice of lemon, orange or grapefruit with water in copious amounts. Call a physician at once. MAY BE FATAL IF SWALLOWED.

SKIN OR EYE CONTACT

Corrosive chemicals; causes skin burns and eye damage. For skin: immediately flush with water and rinse with vinegar, if desired. For eyes: flood with water for 15 minutes, then rinse with 5% boric acid solution. CALL PHYSICIAN.

EMERGENCY AND FIRST AID PROCEDURES

See above

• Section 7 -- SPECIAL PROTECTION INFORMATION

VENTILATION REQUIREMENTS

Mechanical is suitable for most uses.

RESPIRATORY PROTECTION (Specify Type)

Use adequate respirator for dusting - 3M #8710 or equal has been suggested for similar use.

EYE PROTECTION

Face shield or goggles

GLOVES (Specify Type)

Rubber gloves

OTHER PROTECTIVE CLOTHING AND EQUIPMENT (Specify Type)

None

• Section 8 - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED

Take up dry spills and if uncontaminated, return to storage container. Mop area and flush to drain with plenty of water.

WASTE DISPOSAL METHOD

Dispose using authorized scavenger service by incineration or use of designated landfill. For additional disposal instructions, contact your state water pollution control agency. This product IS an EPA Hazardous Waste (Corrosive - D002).

• Section 9 -- SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Keep containers closed and dry. Protect from physical damage. Freeze point of a 10% solution, 14° F.

OTHER PRECAUTIONS

For industrial use only. Keep away from reach of children.

Shipping Name: DOT
IATA

Sodium hydroxide, Granular Corrosive Material, UN 1823 RQ

Prepared By W. M. Morris

Date: 7/78 (Revised 6/84)